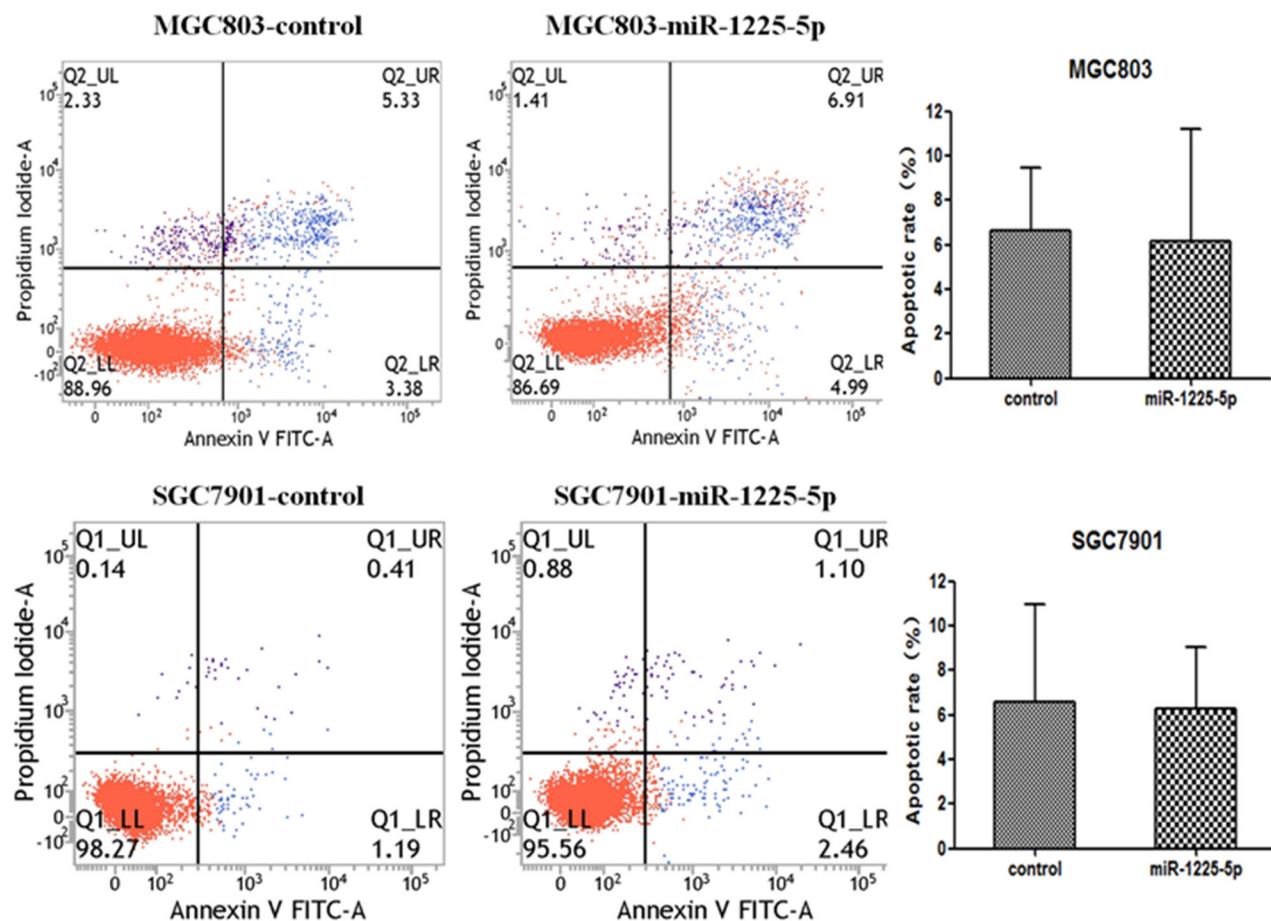
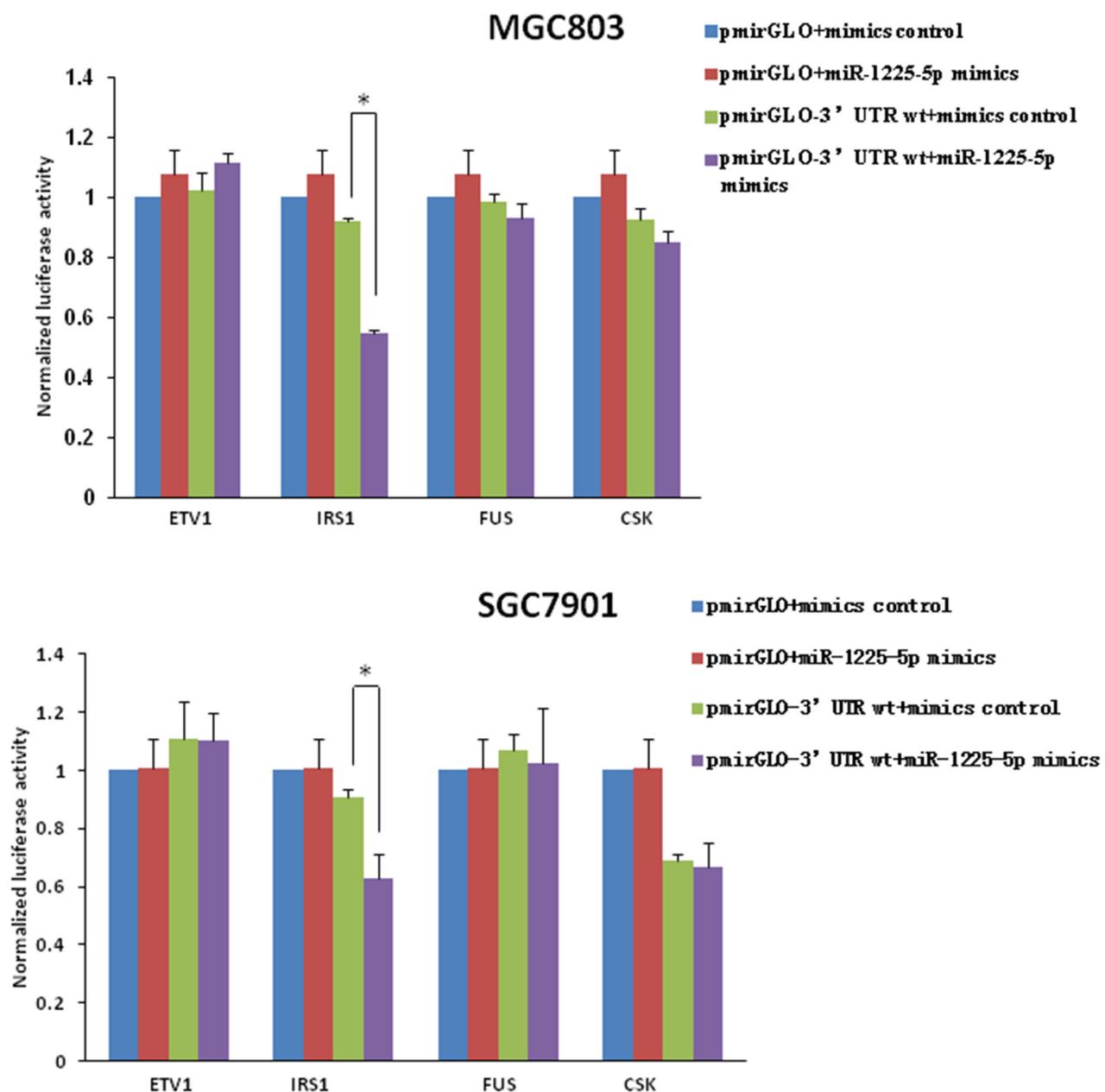


SUPPLEMENTARY FIGURES AND TABLES



Supplementary Figure S1: miR-1225-5p did no change the cell apoptosis rate of MGC803-1225+ and SGC7901-1225+ cells detected by flow cytometry.



Supplementary Figure S2: Luciferase assay was used to confirm the interaction of miR-1225-5p with its binding site in the 3'-untranslated region (UTR) of the predicted targets, ETV1, IRS1, FUS and CSK.

Supplementary Table S1: Clinical pathological characteristics of 35 patients with gastric carcinomas

Clinical parameters	Number of cases (%)
Age	
≤60	12 (34.3)
>60	23 (65.7)
Gender	
Male	25 (71.4)
Female	10 (28.6)
Depth of invasion (T)	
T1	2 (5.7)
T2	8 (22.9)
T3	23 (65.7)
T4	2 (5.7)
Lymph-node metastasis (N)	
Negative (N0)	10 (28.6)
Positive (N1~3)	25 (71.4)
TNM stage	
I	5 (14.2)
II	10 (28.6)
III	10 (28.6)
IV	10 (28.6)
Histological type	
Intestinal	10 (28.6)
Diffuse	25 (71.4)

Supplementary Table S2: Oligonucleotides used for cloning and real-time RT-PCR

Oligonucleotides	Sequences (5'-3')
3' UTR cloning	
ETV1-3'UTR F	CCGCTCGAGATATCTGTCTCCTTTCAC
ETV1-3'UTR R	TGCTCTAGAGAAATGCTATCTGTAGTTAAGTCAGTGC
FUS-3'UTR F	CCGCTCGAG TTAGCCTGGC TCCCCAGGT
FUS-3'UTR R	TGCTCTAGACCCTGGGTGATCAGGAATTG
CSK-3'UTR F	CCGCTCGAG CCGCCACTCGCCTCTAGA
CSK-3'UTR R	TGCTCTAGAGGACATGGGACACAGAATGGG
IRS1-3'UTR wt F	CCGCTCGAG CTCAACTGGA CATCACAGCA
IRS1-3'UTR wt R	TGCTCTAGACATCGTACCA TCTACTGATG
IRS1-3'UTR mut1 F	TCCTCTTCTAACTCATGGGCATCTAGACTCTAAATATTCA
IRS1-3'UTR mut1R	CCCATGAGTTAGAACAGAGGA
IRS1-3'UTR mut2 F	TCCTCTTCTAACTCATGGGAAGCGAGACTCT AATATTCA
IRS1-3'UTR mut2R	CCCATGAGTT AGAACAGAGGA
IRS1 cloning	
IRS1 F	CCGGAATTGCCACCATGGCGAG CCCTCCGGAG A
IRS1 R	CCCAAGCTT CTGACGGTCC TCTGGCTGC
Real-time RT-PCR	
IRS1 F	CTCAACTGGA CATCACAGCA
IRS1 R	CATCGTACCA TCTACTGATG
c-Myc F	TTTCGGGTAGTGGAAAACCA
c-Myc R	CACCGAGTCGTAGTCGAGGT
Cyclin D1 F	TCCTCTCCAAAATGCCAGAG
Cyclin D1 R	GGCGGATTGGAAATGAACCTT
GAPDH F	TGCACCACCAACTGCTTAGC
GAPDH R	AGCTCAGGGATGACCTTGCC